

IN THE CLAIMS:

Please enter the following amended claims as follows:

1. (currently amended) A fuel injection arrangement including a prefilmer for a fuel injection arrangement comprising an annular member having radially inner and radially outer fluid flow surfaces with a flow passage therebetween and with a fuel supply for supplying a liquid fuel to said flow passage, said flow passage having an exit opening into a passage receiving, in operation, an air flow from a source upstream of said exit opening, said passage having and a downstream edge and a surface over which fuel flows in use, the prefilmer being arranged so that when working in operative association with the fuel injection arrangement fuel flows over ~~one of the surfaces~~ said surface to said the downstream edge, from where the fuel is shed, and air flows radially inwardly and radially outwardly of the prefilmer characterised in that the prefilmer further comprises a fluid flow mixing means disposed on the surface over which the fuel flows to enhance the mixing of fuel and air.
2. (currently amended) A fuel injection arrangement including a prefilmer for a fuel injection arrangement as claimed in claim 1 characterised in that the fluid flow mixing means comprises projections extending generally downstream from the downstream edge.
3. (currently amended) A fuel injection arrangement including a prefilmer for a fuel injection arrangement as claimed in claim 2 characterised in that the projections are generally trapezoidal in shape.
4. (currently amended) A fuel injection arrangement including a prefilmer for a fuel injection arrangement as claimed in claim ~~[[1]]~~ 2 characterised in that the projections are generally triangular in shape.
5. (currently amended) A fuel injection arrangement including a prefilmer for a fuel injection arrangement as claimed in claim ~~[[1]]~~ 2 characterised in that the projections define trapezoidal notches therebetween.
6. (currently amended) A fuel injection arrangement including a prefilmer for a

~~fuel injection arrangement~~ as claimed in claim ~~[[1]]~~ 2 characterised in that the projections define triangular notches therebetween.

7. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 2 characterised in that projections are radially inwardly angled.

8. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 2 characterised in that the projections are radially outwardly angled.

9. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 2 characterised in that the projections are alternately radially inwardly and outwardly angled.

10. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 2 characterised in that the angle of the projections is between 0 and 45 degrees relative to an injector axis.

11. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 1 characterised in that the fluid flow mixing means comprises the downstream edge configured in a generally sinusoidal form in its axial direction.

12. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 1 characterised in that the fluid flow mixing means comprises the downstream edge configured in a generally sinusoidal form in its radial direction.

13. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 1 characterised in that the fluid flow mixing means comprises the downstream edge configured in a compound form which is both sinusoidal in form in its radial and axial directions.

14. (currently amended) A fuel injection arrangement including a prefilmer for a ~~fuel injection arrangement~~ as claimed in claim 1 characterised in that the fluid flow mixing means comprises lands disposed to the downstream edge, the lands are configured to generate and impart vortices into the passing airflow to enhance the mixing of fuel and air.

15. (currently amended) A fuel injection arrangement including a prefilmer ~~for a fuel injection arrangement~~ as claimed in claim 14 characterised in that the lands comprise a leading edge, two opposing sides, a leeward face and a base attached to the fluid flow surface.

16. (currently amended) A fuel injection arrangement including a prefilmer ~~for a fuel injection arrangement~~ as claimed in claim 1 characterised in that the fluid flow mixing means is asymmetrically arranged about the prefilmer.

17. (currently amended) A fuel injection arrangement including a prefilmer ~~for a fuel injection arrangement~~ as claimed in claim 1 characterised in that the prefilmer is generally annular.

18. (currently amended) A fuel injection arrangement including a prefilmer ~~for a fuel injection arrangement~~ as claimed in claim 1 characterised in that the annular member's inner fluid flow surface is an inner surface of the prefilmer and the fluid flow mixing means is disposed to the inner surface .

19. (cancelled).

20. (currently amended) A fuel injection arrangement including a prefilmer ~~for a fuel injection arrangement~~ as claimed in claim 1 characterised in that during low fuel flows the fluid flow mixing means enhances the mixing of fuel and air and provide regions of rich and lean fuel/air mixtures.

21. (cancelled).

22. (currently amended) A gas turbine engine comprising a fuel injection arrangement including a prefilmer ~~for a fuel injection arrangement~~ as claimed in claim [[21]] 1.